

**Specifications:**

|                |                  |
|----------------|------------------|
| Gene:          | mSlitrk4         |
| Accession:     | NP_848855        |
| Insert size:   | 2527bp           |
| Concentration: | 10µg at 0.2µg/µL |

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

|             |                                                                     |
|-------------|---------------------------------------------------------------------|
| Formulation | cDNA is provided in 10 mM Tris-Cl, pH 8.5                           |
| Shipping    | Ships at ambient temperature                                        |
| Stability   | 1 year from date of receipt when stored at -20°C to -80°C           |
| Storage     | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

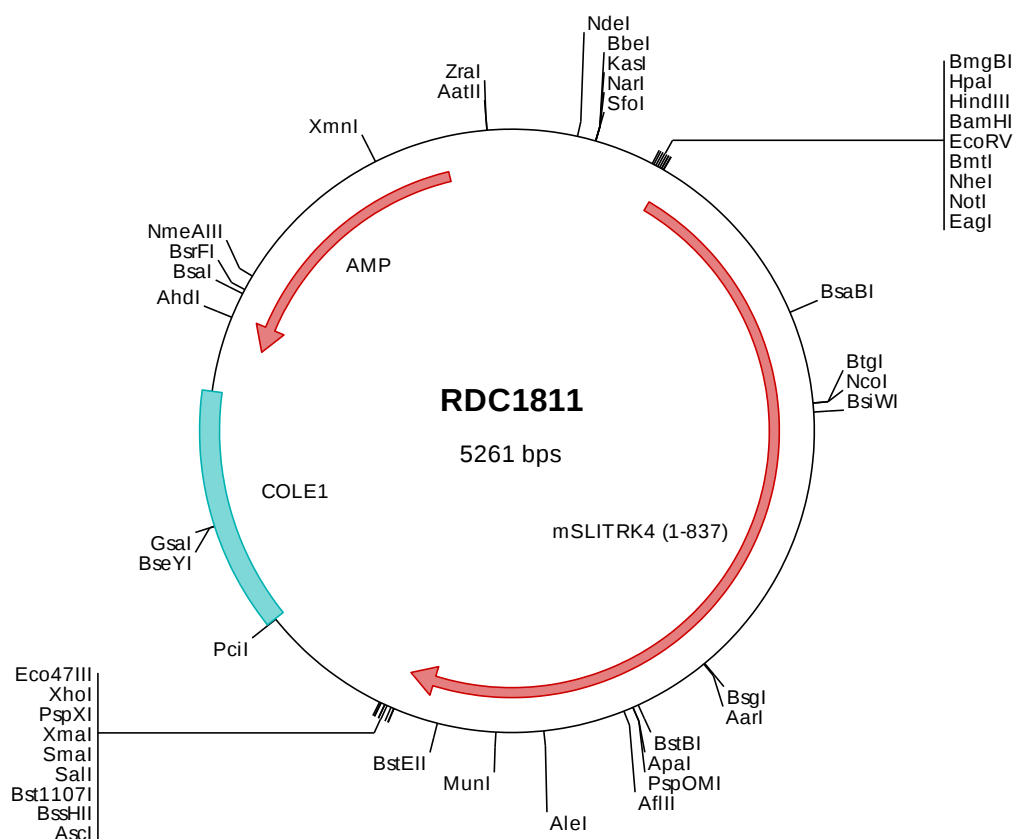
**mSLITRK4 cDNA  
Plasmid**

**Slitrk4 SLIT and NTRK-like family, member 4 [ *Mus musculus* (house mouse) ]**

**Also known as:** 6430513G13;  
D930039I09Rik

**Summary:**

SLITRK4 is a transmembrane protein belonging to the SLITRK family of neurite guidance molecules. The extracellular region contains two blocks of leucine-rich repeats that are bounded by small cysteine-rich domains. The cytoplasmic region contains potential tyrosine kinase motifs reminiscent of the motifs on Trk receptors. SLITRK4 may function to suppress neurite outgrowth.



## > RDC1811 Plasmid DNA Sequence

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## > RDC1811 Translated Insert Sequence

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```